The Gyptone acoustic ceiling range are designed to improve room acoustics and the indoor air quality in schools, kindergartens, offices, retail and the health sector. The ceilings will reduce reverberation time and improve speech intelligibility in a given room. With the use of the Activ’ Air technology, Gyptone also improves the indoor air quality by reducing the formaldehyde level.

The Gyptone Plank range includes 3 different perforation designs: Line, Point, Quattro and Base without perforation, all with A edge on the short sides and E15 edge on the long sides.

Gyptone acoustic planks are very easy to install and are suited for installation in corridors.

The Gyptone planks are made from predominantly recycled gypsum and have very strong sustainability properties.

Used Gyptone planks can be completely recycled in the production of new gypsum products.

### Acoustics

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Practical absorption coefficient $\Omega_p$</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 Hz</td>
<td>0.45</td>
</tr>
<tr>
<td>250 Hz</td>
<td>0.60</td>
</tr>
<tr>
<td>500 Hz</td>
<td>0.75</td>
</tr>
<tr>
<td>1k Hz</td>
<td>0.70</td>
</tr>
<tr>
<td>2k Hz</td>
<td>0.60</td>
</tr>
<tr>
<td>4k Hz</td>
<td>0.55</td>
</tr>
</tbody>
</table>

*Construction height 200 mm*

The acoustic measurements meet the requirements of ISO 354.

The construction height specifies the distance between the undersides of the suspended ceiling and the existing floor/ceiling construction.

The sound absorption is affected by construction height and by any mineral wool installed behind the suspended ceiling.
Product description
Gyptone Plank Quattro 75 is based on a specialized perforated gypsum board combined with an acoustic tissue, which provides excellent acoustic properties.

Activ’Air technology (Improved air quality)
Gyptone Activ’Air is designed to decompose formaldehyde emissions from emitting building materials, paint, furniture, carpets etc., into non harmful inert compounds. Gyptone Activ’Air ceilings can reduce formaldehyde concentrations with up to 60% *

Fixing
Gyptone Plank Quattro 75 is only to be used with the Plank standard exposed grid systems.

Construction height
The smallest possible standard construction height is as follows: Plank (exposed grid) = 200 mm.

Surface
The Gyptone Plank is supplied prepainted. The paint used is color NCS 0500.

Fire
A2-s1, d0.

Gloss and light reflection
Gloss value 5-9 according to ISO 2813. Light reflection approx. 70% with standard paint finish.

Dimensions
Modular sizes 300 x 1800, 300 x 2400 mm. Thickness: 12.5 mm.

Weight
Approx. 8 kg/m².

Cleaning
Gyptone Plank can be cleaned with a damp cloth. Most standard cleaning agents can be used.

Edges
Edge A on the short sides and edge E15 on the long sides

Maintenance
Repainting must be done with a roller. The Plank must not be spray-painted, as this impairs sound absorption.

Further information is available at www.gyptone.dk

Gyproc A/S
Hareskovvej 12, 4400 Kalundborg
Tlf: 59 57 03 00, Fax: 59 57 03 01
E-mail: info@gyproc.com

Perforation size: 3 x 3 mm, cc 8.33 mm
Perforated area: 10%

Design and technical data

<table>
<thead>
<tr>
<th>Edges</th>
<th>Modular size (mm)</th>
<th>Thickness (mm)</th>
<th>Grids</th>
<th>Fixing/surface treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edge A/E15</td>
<td>300 x 1800, 300 x 2400 (actual size 294 x 1800 and 294 x 2400)</td>
<td>12.5</td>
<td>Exposed, recessed T-15 grid</td>
<td>Demountable/Pre-painted</td>
</tr>
</tbody>
</table>

*The effectiveness of the Activ’Air technology has been tested by the accredited Eurofins laboratory. The test shows that Activ’Air decomposes up to 60% of the formaldehyde in a controlled test environment.